

Title (en)
VEHICLE SIDE BODY STRUCTURE

Title (de)
SEITENKONSTRUKTION EINER FAHRZEUGKAROSSERIE

Title (fr)
STRUCTURE DE CARROSSERIE LATÉRALE DE VÉHICULE

Publication
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Application
EP 20162592 A 20200312

Priority
JP 2019112694 A 20190618

Abstract (en)
The present invention includes: a side sill 4; a wheel house 90 comprising a front lower portion 92a raising from a rear portion of the side sill 4; a center pillar 5 extending in an upward direction from an intermediate portion of the side sill 4; and a door 6 arranged to open/close an opening 2r formed by side sill 4 and the center pillar 5. An impact bar 63 is provided to the door 6. The impact bar is arranged such that a rear portion 63r of the impact bar 63 overlaps the rear portion of the side sill 4 in a vehicle side view when the door 6 is closed. The side sill 4 includes a side sill reinforcing member 30U reinforcing bending rigidity against a load directed to a vehicle width inner side. The side sill reinforcing portion 30U is at least provided in an intermediate portion (4Ra) of the side sill where the center pillar 5 is located and the rear portion of the side sill 4 in a longitudinal direction of the side sill 4.

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Citation (applicant)
JP 2018118697 A 20180802 - MAZDA MOTOR

Citation (search report)
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